SAFETY SYSTEM BYPASS SWITCH PROCEDURE

procedure name

PHENIX Procedure No. PP-2.5.5.6-01

Revision: A   **Date: 02-17-00**

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
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Approvals

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PHENIX S E & I   Date   Cognizant Scientist/Engineer   Date
                                                  /Activity Manager

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PHENIX QA/Safety   Date   RHIC ES&H Date

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1. Purpose

    To inform the appropriate people of the method of administering bypassing Inputs and Outputs of the safety system.

2. Responsibilities

    Systems specialists are responsible for implementing this procedure. These specialists are required to complete Logbook entries and to bring the system back to an as configured state.

3. Prerequisites

    Only system specialists will implement this procedure. (P.Giannotti, J.Haggerty) Approved by Phenix and or CA-D.

    CA-D will be in control of the key for the Bypass Cabinet.

4. Precautions

    The use of a bypass of any system will only be implemented after a careful evaluation of Its need and consequences, and shall not result in placing any system in an unsafe state. All systems will be monitored by trained and authorized personnel while in their bypass state. Authorization from CA-D may be required prior to implementing certain bypasses, and the CA-D liaison physicist or engineer should be consulted to determine if such authorization is required.

5. Procedure

    a) Attain the key for the Bypass Cabinet from CA-D and unlock.

    b) Turn on the appropriate bypass switch in the cabinet, a light will come on at the cabinet and at the annunciator panel showing a bypass is in effect.

    c) Log the name of the bypass switch that was activated in the Bypass Logbook along with the name and date of the person doing the bypass.

    d) Lock the cabinet and return the key to CA-D.

    e) Affect repairs or do what is required.

    f) To return to an as configured (no bypass) state, attain the Bypass Cabinet key from CA-D and unlock.

    g) Turn off the appropriate bypass switch in the cabinet, the light will go off at the cabinet and at the annunciator panel showing that bypass has been removed.

h) Log the return information in the Logbook, name, date and bypass switch.

 i) Lock the cabinet and return the key to CA-D.

6. <u>Documentation</u>

   Log Book of all bypass activity.

7. <u>References</u>

   OH&S Manual section 1.5.1

8. <u>Attachments</u>